

SOME SHELLS OF MISSISSIPPI AND ALABAMA.

---

BY A. A. HINKLEY.

---

*(Concluded from August Number, p. 44.)*

## Family UNIONIDÆ.

- Truncilla triquetra* Raf. Tennessee river, Florence, Ala.  
*Truncilla brevidens* Lea. Tennessee river, Florence, Ala.  
*Truncilla sulcata* Lea. Tennessee river, Florence, Ala.  
*Truncilla haysiana* Lea. Tennessee river, Florence, Ala.  
*Truncilla propinqua* Lea. Tennessee river, Florence, Ala.  
*Truncilla personata* Say. Tennessee river, Florence, Ala.  
*Truncilla biemarginata* Lea. Tennessee river, Florence, Ala.  
*Truncilla florentina* Lea. Tennessee river, Florence, Ala.  
*Truncilla perplexa* Lea. Tennessee river, Florence, Ala.  
*Truncilla turgidula* Lea. Shoal creek, Florence, Ala.  
*Micromya cælata* Conrad. Tennessee river, Florence, Ala.  
*Lampsilis excavatus* Lea. Tallahatchie, Big Black and Tombigbee rivers and Floating creek, Columbus, Miss.  
*Lampsilis ovatus* Say. Tennessee river, Florence, Ala.  
*Lampsilis multiradiatus* Lea. Tennessee river, Florence, Ala.  
*Lampsilis biangulatus* Lea. Tennessee river, Florence, Ala.  
*Lampsilis hydianus* Lea. Tallahatchie, Yalabusha, Big Black and Tombigbee rivers.  
*Lampsilis affinis* Lea. Tombigbee river and Floating creek, Columbus, Miss.  
*Lampsilis orbiculatus* Hildreth. Tennessee river, Florence, Ala.  
*Lampsilis anodontoides* Lea. Tombigbee river, Columbus, Miss., and Yalabusha and Tennessee rivers.  
*Lampsilis fallaciosus* Simpson. Tallahatchie, Yalabusha and Big Black rivers in Mississippi.  
*Lampsilis rectus* Lamarck. Tombigbee and Tennessee rivers.  
*Lampsilis lineosus* Conrad. Tallahatchie, Big Black and Tombigbee rivers.  
*Lampsilis conestator* Lea. Yalabusha river, Grenada, Miss.  
*Lampsilis ogeecheensis* Conrad. Tombigbee river, Columbus, Miss.

*Lampsilis apicinus* Lea. Tombigbee river, Columbus, Miss.

*Lampsilis trabalis* Conrad. Tennessee river. One specimen.

*Lampsilis parvus* Barnes. Tombigbee river, Columbus, Miss.

*Lampsilis cromwellii* Lea. Yalabusha river, Grenada, Miss.

*Lampsilis alatus* Say. Tombigbee and Tennessee rivers.

*Lampsilis purpuratus* Lamarck. Tallahatchie, Yallabusha and Big Black rivers.

*Lampsilis gracilis* Barnes. All the rivers visited.

*Lampsilis leptodon* Rafinesque. Tennessee river. Two poor specimens.

*Lampsilis clairbornensis* Lea. Floating creek, Columbus, Miss.

*Medionidus acutissimus* Lea. Tombigbee river and Floating creek, Columbus, Miss.

*Medionidus subtentus* Say. Tennessee river, Florence, Ala.

*Obovaria retusa* Lamarck. Tennessee river, Florence, Ala.

*Obovaria tinkeri* Wright. Yalabusha river, Grenada, Miss.

*Obovaria unicolor* Lea. Tallahatchie, Yallabusha, Big Black and Tombigbee rivers, very plenty in the last stream at Columbus, Miss.

*Obovaria ellipsis* Lea. Tennessee river, Florence, Ala.

*Obovaria castanea* Lea. Tallahatchie, Yalabusha, Big Black and Tombigbee rivers.

*Plagiola securis* Lea. Tombigbee and Tennessee rivers.

*Plagiola elegans* Lea. Tennessee river, Florence, Ala.

*Plagiola donaciformis* Lea. Tallahatchie, Yalabusha, Big Black, Tombigbee and Tennessee rivers.

*Tritogonia tuberculata* Barnes. Tallahatchie, Yalabusha, Big Black and Tombigbee rivers. In the Black a few specimens were found with purple nacre.

*Cyprogena irrorata* Lea. Tennessee river, Florence, Ala.

*Obliquaria reflexa* Rafinesque. Tombigbee and Tennessee rivers.

*Ptchobranchus phaseolus* Hildreth. Tennessee river, Florence, Ala.

*Dromus dromus* Lea. Tennessee river, Florence, Ala.

*Strophitus spillmanii* Lea. Yalabusha river, Grenada, Miss.

*Strophitus tombigbeensis* Lea. Tombigbee river, Columbus, Miss.

*Strophitus elliotii* Lea. Tallahatchie river, Abbeville, Miss.

*Strophitus schafferianus* Lea. Tennessee river, Florence, Ala.

*Anodonta grandis* Say. Tallahatchie and Yalabusha rivers.

*Arcidens confragosus* Say. Yalabusha, Big Black and Tombigbee rivers.

*Symplynota costata* Rafinesque. Tennessee river. Only dead and poor ones found.

*Symplynota complanata* Barnes. Tombigbee river, Columbus, Miss.

*Margaritana monodonta* Say. Tennessee river. Large numbers were piled up by rocks, logs and in places on the river bank, where the musk rats had opened them. The living ones were plentiful under rocks in the shallow water, as many as two hundred being found under one slab.

*Unio gibbosus* Barnes. Tombigbee and Tennessee rivers.

*Unio crassidens* Lam. Tombigbee and Tennessee rivers.

*Unio arctatus* Conrad. Tombigbee river, Columbus, Miss.

*Unio tetralasmus geometricus* Lea. Yalabusha river, Grenada, and a rill near Durant, Miss.

*Pleurobema holstonensis* Lea. Tennessee river, Florence, Ala.

*Pleurobema edgariana* Lea. Tennessee river, Florence, Ala.

*Pleurobema tumescens* Lea. Tennessee river, Florence, Ala.

*Pleurobema dolabelloides* Lea. Tennessee river, Florence, Ala.

*Pleurobema decisa* Lea. Tombigbee river, Columbus, Miss.

*Pleurobema curta* Lea. Big Black and Tombigbee rivers.

*Pleurobema taitiana* Lea. Tombigbee river near Boligee, Ala.

*Pleurobema nux* Lea. Tombigbee river, Columbus, Miss.

*Pleurobema bulbosa* Lea. Tombigbee river, Columbus, Miss.

*Pleurobema nuculopses* Conrad. Tombigbee river, Columbus, Miss.

*Pleurobema aesopus* Green. Tennessee river, Florence, Ala.

*Quadrula asper* Lea. Tallahatchie, Yalabusha, Big Black and Tombigbee rivers.

*Quadrula plicata* Say. Tennessee river, Florence, Ala.

*Quadrula perplicata* Conrad. Yalabusha and Black rivers.

*Quadrula latecostata* Lea. Tombigbee river, Columbus, Miss.

*Quadrula heros* Say. Tallahatchie, Yalabusha and Tennessee rivers.

*Quadrula trapezoides* Lea. Yalabusha, Big Black and Tombigbee rivers.

*Quadrula cylindrica* Say. Tennessee river, Florence, Ala.

*Quadrula metanevra* Raf. Tombigbee and Tennessee rivers. Common in both streams.

*Quadrula intermedia* Conrad. Tennessee river.

*Quadrula stapes* Lea. Tombigbee river, Columbus, Miss.

*Quadrula rumpfiana* Lea. Tombigbee river near Boligee, Ala.

*Quadrula pustulosa* Lea. Tallahatchie, Yalabusha, Big Black, Tombigbee and Tennessee rivers. Those from the Yalabusha, Tallahatchie and Big Black have few pustules, and occasionally one is smooth.

*Quadrula rubiginosa* Lea. Tallahatchie river, Abbeville, Miss.

*Quadrula cerina* Conrad. Yalabusha and Tombigbee rivers.

*Quadrula hebetata* Conrad. Big Black river, Durant, Miss.

*Quadrula ribida* Lea. Big Black river, Durant, Miss.

*Quadrula obliqua* Lamarck. Tennessee river, Florence, Ala.

*Quadrula solida* Lea. Tennessee river, Florence, Ala.

*Quadrula plena* Lea. Tombigbee and Tennessee rivers.

*Quadrula pyramidata* Lea. Tennessee river, Florence, Ala.

*Quadrula subrotundus* Lea. Tennessee river, Florence, Ala.

*Quadrula ebenus* Lea. Tombigbee and Tennessee rivers. Common.

*Quadrula granifera* Lea. Tennessee river, Florence, Ala.

#### LYMNÆA DANIELSI SP. NOV.

BY FRANK COLLINS BAKER.

#### *Lymnaea danielsi* sp. nov.

Shell elongated, attenuated, of medium thickness; color ranging from very light-yellowish horn to dark chestnut or purple; surface shining, growth lines generally fine and close-set, but occasionally as near the aperture, coarse and often raised into ridges; last whorl often malleated; spiral sculpture of fine impressed lines; apex smooth, spermaceti-white in color; whorls 7, flat sided or slightly convex, slowly increasing in diameter; spire long and sharply attenuated, longer than the aperture; sutures impressed; aperture ovate, often a little triangular, somewhat flaring; peristome sharp, simple, bordered by a dark purple or chocolate band in many specimens; parietal wall with a thin callus, generally closely appressed to the shell and almost closing the umbilical region, leaving a small chink; axis gyrate as in *stagnalis*, forming a heavy, ascending plait; interior of aperture varying from white to dark purple.

Length 28.5, breadth 12, aperture length 14, breadth 6.5 mm.